Patent claims

1. Anchoring element with a screw (12) comprising a threaded section (13) and a head (15) designed as a spherical segment-shaped section, and with a receiving portion (1) for connecting the screw (12) to a rod (19), wherein the receiving portion (1) comprises a first end (2) and a second end (3) opposite the latter, a longitudinal axis (4) passing through the two ends (2, 3), a bore (5) coaxial with the longitudinal axis (4), a first region adjoining the first end (2) with an essentially U-shaped cross-section (7) with two free arms (8, 9) comprising a thread for receiving the rod (19) to be inserted, a region adjoining the other end (3) for receiving the head (15), and an element (22, 17) which exerts pressure on the rod (19) or on the head (15), characterised in that the threaded section (13) and the head (15) are designed as separate parts.

2. Anchoring element according to claim 1, characterised in that the threaded section (13) comprises a shank (14) at the head end.

3. Anchoring element according to claim 1 or 2, characterised in that the head (15) comprises a spring-yielding edge on its side facing towards the threaded section (13).

4. Anchoring element according to any of claims 1 to 3, characterised in that the edge (34) facing towards the threaded section comprises one or more apertures or recesses (28, 29, 33) which are directed parallel to the axis of symmetry (4) and distributed circumferentially.

5. Anchoring element according to claim 4, characterised in that an aperture (33) extends over the whole wall length, seen in a direction parallel to the axis of symmetry (4).

6. Anchoring element according to any of claims 1 to 5, characterised in that the head (15) comprises a bore (27) coaxial with the axis of symmetry.

7. Anchoring element according to claim 6, characterised in that the bore (27) is cylindrical.

8. Anchoring element according to any of claims 2 to 7, characterised in that the shank (14) comprises a rough surface.

9. Anchoring element according to any of claims 2 to 8, characterised in that the shank (14) is polygonal.

10. Anchoring element according to any of claims 1 to 6, characterised in that the head (15) comprises an internal thread in the bore and the shank (35) comprises an external thread mating therewith.

11. Anchoring element according to any of claims 1 to 6, characterised in that the head (15) is corrugated in the circumferential direction in the bore and the shank (37) comprises a corresponding corrugation on its outer side.